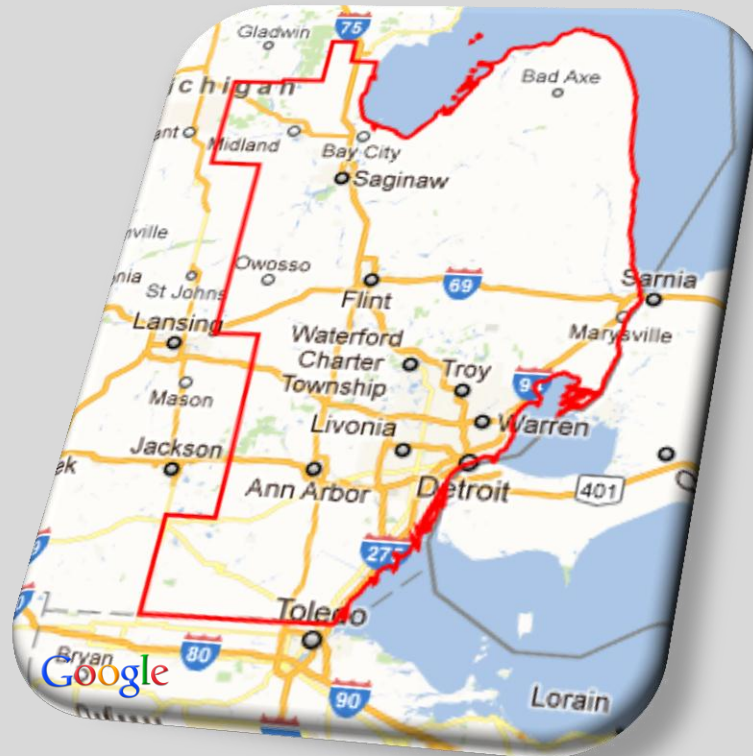




Weather Briefing

February 7, 2013



National Weather Service
Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov

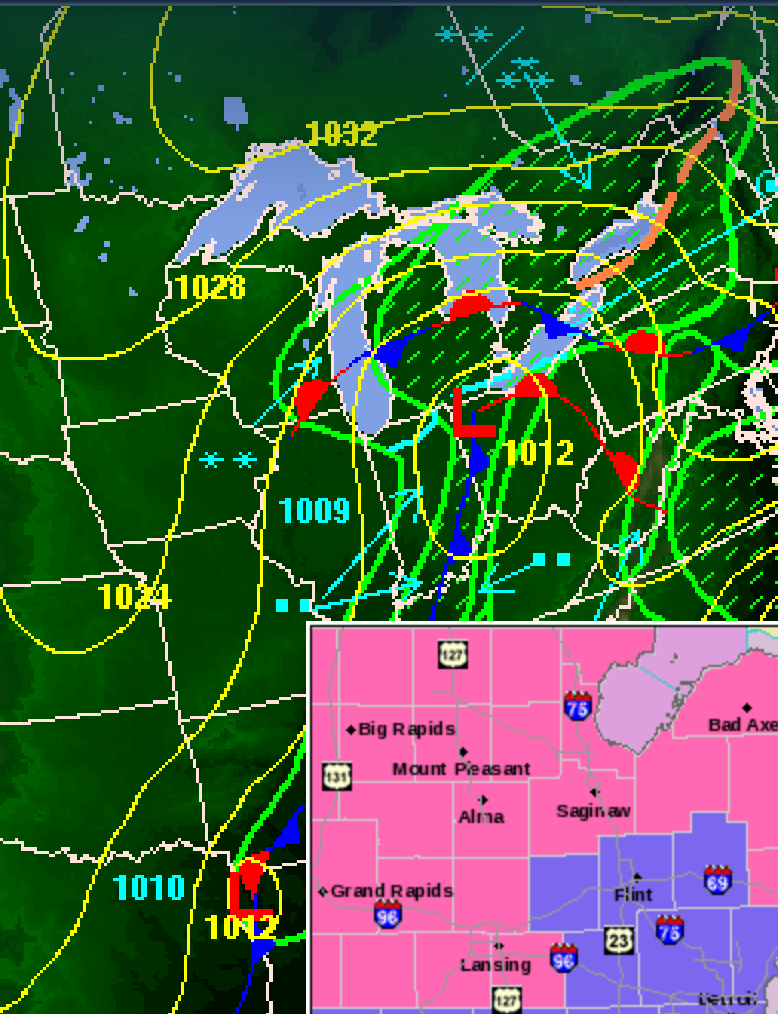


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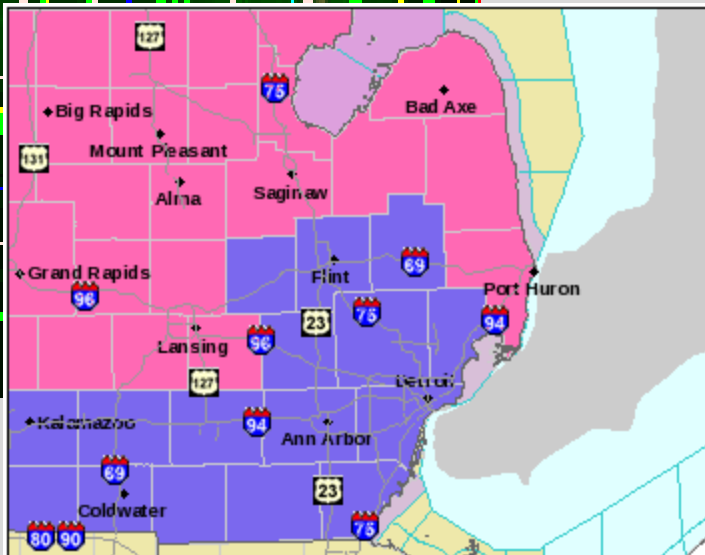




Decision Support Briefing Highlights



Forecast for
tonight



Last map update: Thu, Feb. 7, 2013 at 11:55:26 am EST

Event Summary

Winter Storm Warning for a prolonged heavy Snow event across Tri Cities and Thumb regions beginning late this afternoon

Winter Weather Advisory for tonight across a portion of Southeast Michigan that includes Detroit, Ann Arbor and Flint, for freezing rain and several hours of wet snow



Winter Hazard Risk Assessment



Extreme

High



Moderate



Low

This Event is a Rare Weather Event for warned counties (**Midland, Bay, Saginaw, Tuscola, Huron, Sanilac, St. Clair**)

Large Disruption to Daily Life
Potentially Life Threatening

Recovery Time

Several Hours to a Day After the Weather Ends

This Event is an Occasional Weather Event for advisory counties (**I-69 and south**)

Some Disruption to Daily Life
Rarely Directly Life Threatening

Recovery Time

+/- 6 Hours of When Weather Hazard Ends

Extreme:

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

High:

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a day

Moderate:

- Occasional Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



Potential Impacts

Road Conditions

- Snow covered, especially after nightfall this evening
- Snowy or glazed roads expected into the Friday morning commute
- Air temperatures in the upper 20s and lower 30s at the start of the snow
- Temperatures falling into the mid to upper 20s by Friday morning

Power Outage Potential	High	Medium	Low 
Blowing/Drifting Potential	High	Medium	Low 



Timing of Winter Weather

Saginaw Valley



Beginning

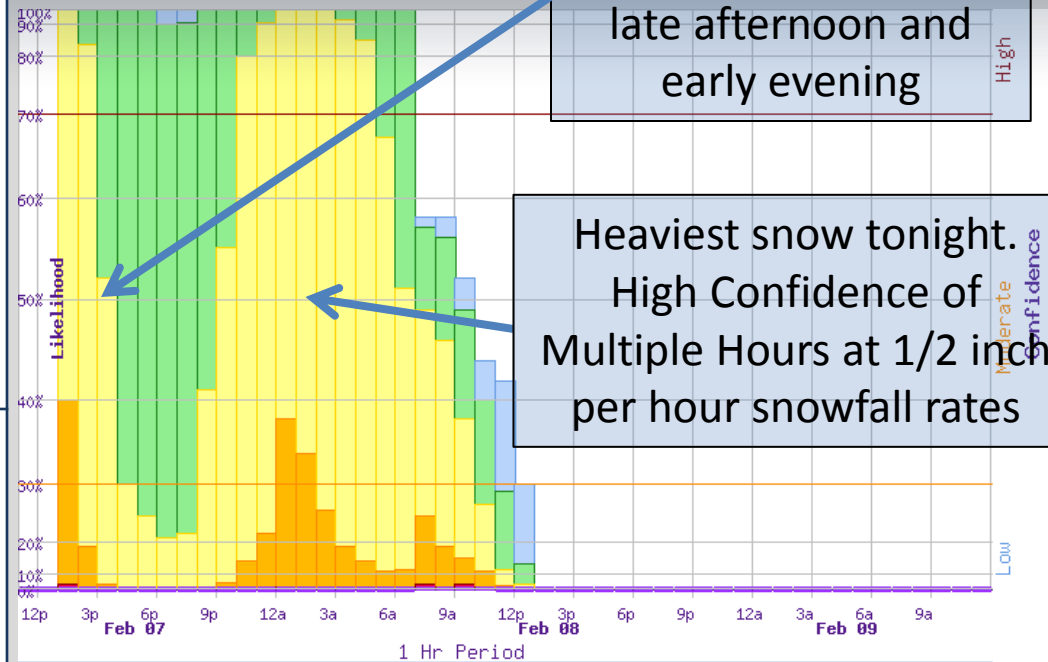
- Band of snow will set up over the Saginaw Valley this afternoon
- This band of snow will swing across the rest of Southeast Lower MI tonight

Heaviest

- Heaviest snow is expected between 8pm this evening and 8am Friday Morning

Ending

- Snow will end from west to east Friday morning



- Likelihood to Achieve - 0.1 inch Snowfall
- Likelihood to Achieve - 0.25 inch Snowfall
- Likelihood to Achieve - 0.5 inch Snowfall
- Likelihood to Achieve - 1.0 inch Snowfall
- Likelihood to Achieve - 2.0 inch Snowfall
- Likelihood to Achieve - 3.0 inch Snowfall

Tri-Cities

Snowfall Timeline

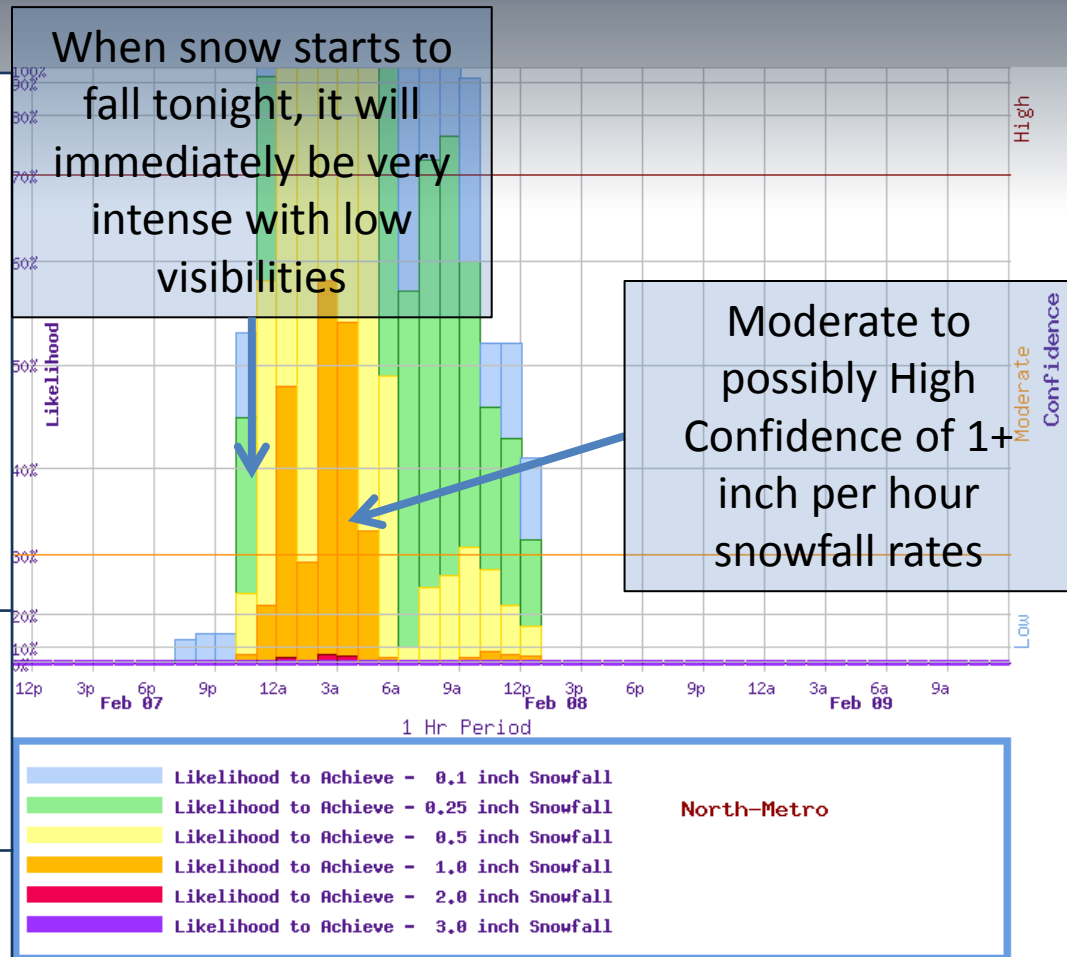


Timing of Winter Weather

Metro Detroit and Flint



Beginning	<ul style="list-style-type: none">Area of intense snow is expected to begin to affect Flint and Metro Detroit around midnight tonightSnow May be Mixed with Sleet and freezing rain across Ann Arbor and Detroit
Heaviest	<ul style="list-style-type: none">Heaviest snow is expected between 1am and 8am Friday Morning
Ending	<ul style="list-style-type: none">Snow will end Friday morning





Prob to Achieve 4 in (%)



High confidence
snowfall totals will
achieve 4 inches.

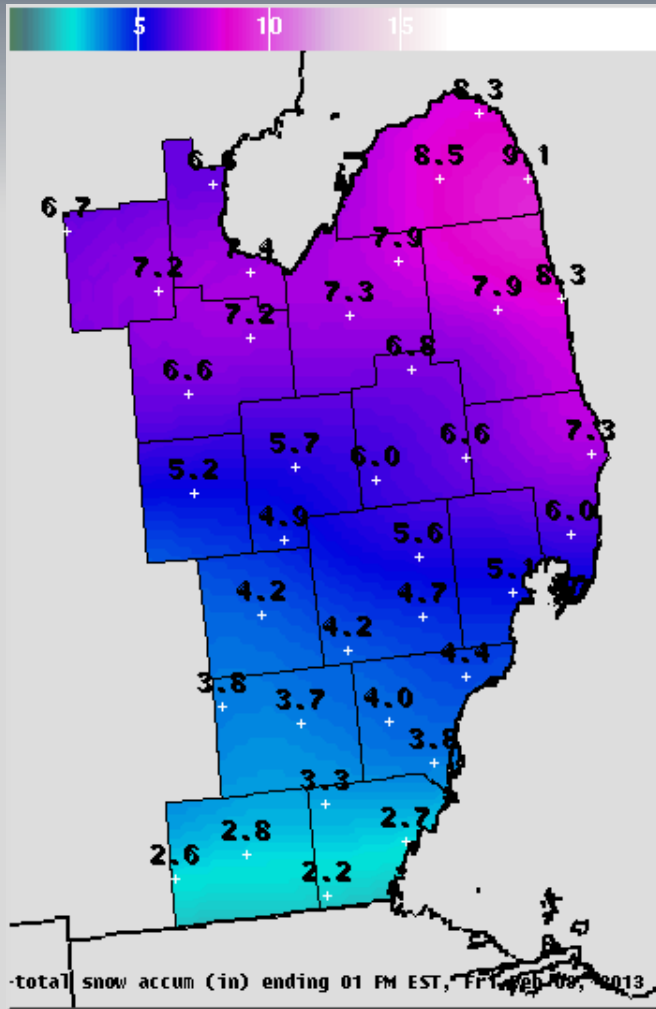
Moderate confidence snowfall totals will achieve 8 inches

Prob to Achieve θ in (%)



Storm Total Snowfall

This Afternoon through Friday Morning



Snow Total for the Thursday and Thursday Night (in inches)

Potential Snow Accumulation

- 6 to 9 inches: Tri Cities and Thumb Regions
 - 4-7 inches: I-69 to M-59
- 2 to 4 inches plus icy mix: South of I-96

Type of Snow

Typical Water Content for Southeast Michigan...
Wetter and Heavier than the past week's snowfalls

Additional Hazards

- Some gusty winds for the Lake Huron Shoreline
- Visibilities will potentially be reduce to a ¼ mile or less during the heaviest of the snowfall



Decision Support Briefing Summary



What	Where	Timing	Impacts
Snow 6-9 inches	Tri Cities and Thumb Regions	Late this Afternoon through Friday Morning	Snow covered roadways Reduced Visibilities
Snow 4-7 inches	I-69 to M-59	Overnight to Friday Morning	Many Snow covered roadways Reduced Visibilities
Snow 2-4 inches Ice Glazing to .1"	Rest of Southeast Lower Michigan	Overnight to Friday Morning	Some snow covered and icy roads



Additional Information



Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

Great Lakes Marine Portal

<http://www.weather.gov/greatlakes>

Hourly Wind Probabilities

<http://www.crh.noaa.gov/dtx/?n=pwind>

Hourly Snowfall Probabilities

<http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities>

NWS Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov



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